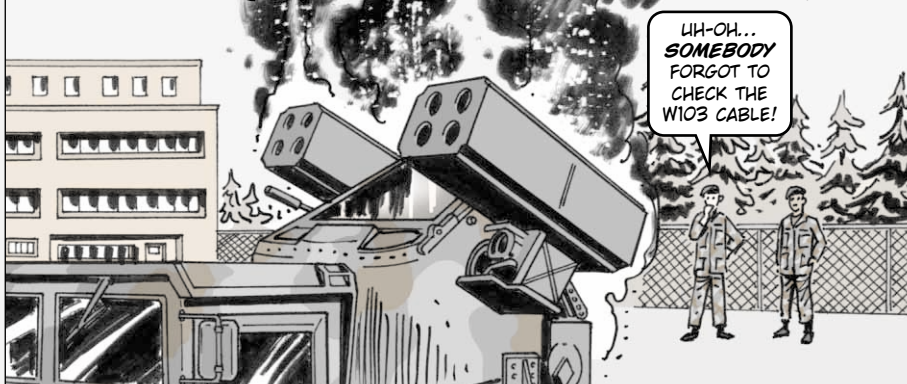


TIGHT IS RIGHT FOR ECU/PPU CABLE



One Avenger cable you don't ever want to work loose is the W103 cable for the environmental control unit/primary power unit (ECU/PPU). The W103 has a shielded ground. If the cable loosens, it arcs and can start a fire. You could be cooked in the turret.

During your before-operation PMCS, check **all** the cables between the ECU and PPU for looseness, but pay special attention to the W103.

Firmly grasp the W103's connector and try to turn it clockwise. If you can move it at all, your repairman needs to tighten it to 95-105 in-lbs. Even if you can't budge the W103, but suspect it might have problems, get your repairman to check it. Better safe than sorry.

Repairmen, remember that you're supposed to check the W103's torque every 250 hours of operation or semi-annually, whichever comes first.

This is spelled out on Page 2-13 of Table 2-1 in TM 9-1440-433-24-1.

The W103 torquing procedure is in Para 19-31 in TM 9-1440-433-24-2. To properly torque the W103 connector on the bottom of ECU, you must remove the antenna bracket and W101 and W102 cables to torque W103.

